Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 16 Feb 2021 until 23:59 on Wednesday 17 Feb 2021

Forecast Issued on Monday 15 Feb 2021 at 14:22

Confidence: High confidence for an unsettled week of periods of rain and strong winds, mostly from the south or southwest giving milder conditions aiding the continued thaw of snow from lower levels. Lower confidence for timings and amounts of rainfall.

Headline for Tuesday 16 Feb 2021: Quite cloudy at times and some showers possible in the afternoon, strong winds.

Mountain weather hazards on Tuesday 16 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy Rain	Heavy Rain	Cloudy	Cloudy	Light rain showers	Cloudy	Partly cloudy (night)
Precipitation probability							
70%	70%	80%	20%	20%	40%	20%	20%

Forecast for Tuesday 16 Feb 2021

Weather: A band of rain will cross the area in the early hours giving a few hours of heavy rain, this combined with any snowmelt may give some local flooding. The rain pushes east by dawn but it will remain quite dull and cloudy for a time before some clearer spells later in the day. In the afternoon there is a risk of a few showers around the Peaks but many places may miss these altogether.

Chance of cloud free mountain/hill tops above 600m: 30% lots of low cloud associated with the rain shrouding the tops at times but a few breaks developing especially in the afternoon so increasing to 70%.

Visibility: Low cloud overnight associated with the rain will be broken around 400m and above, during the morning some breaks will develop and the base will lift to around 600m however there will be patches of lower cloud for much of the day. Visibility will deteriorate to moderate or poor in showers and cloud will thicken and lower in showers again. More chance of clearance around the more northerly hills in the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Tuesday 16 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/38 S	27/38 S	23/33 SW	21/30 SW	21/31 SW	22/31 SW	20/29 SW	20/31 SW	19/30 SW
300	21/32 S	20/32 S	18/28 SW	16/26 SW	16/24 SW	17/26 SW	14/24 SW	15/26 SW	13/24 SW
Valley	13/30 S	14/31 S	11/27 SW	10/25 SW	12/24 SW	12/26 SW	11/23 SW	10/23 SW	9/23 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/-0	6/0	5/0	5/-0	5/0	6/0	4/-2	3/-3	3/-3
300	7/3	8/4	8/4	7/3	8/4	8/4	6/2	5/1	5/1
Valley	8/4	9/6	8/5	8/5	9/6	9/6	7/3	5/2	5/2
Freezing Level*	2000m	1500m	1400m	1300m	1300m	1300m	1100m	1100m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Freezing level falling during the day but any remaining snow thawing helped along by the overnight rain. Still feeling cool in the strong winds, these easing later in the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 15 Feb 2021	0mm	0mm	0mm

Forecast for Wednesday 17 Feb 2021

Weather: A period of rain overnight will clear to leave a brighter day with showers but also some bright or sunny spells. Further rain is expected later in the day.

Maximum wind: Southerly 20mph with gusts 35-40mph.

Chance of cloud free mountain/hill tops above 600m: 40% in the morning, increasing to 70% as rain clears but may reduce as showers move through and cloud covers the hill tops at times.

Visibility: Cloud bases likely to be around 400m in the morning as rain clears but cloud will lift and break leaving good or excellent visibility out with showers. In any showers visibility is likely to become moderate or poor for a time and cloud is likely to lower over the tops to 600m again.

Temperature: **Valleys:** Plus 5 rising to 9 Celsius.
At 600m: Plus 3-4 Celsius
Freezing level: Above summits

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